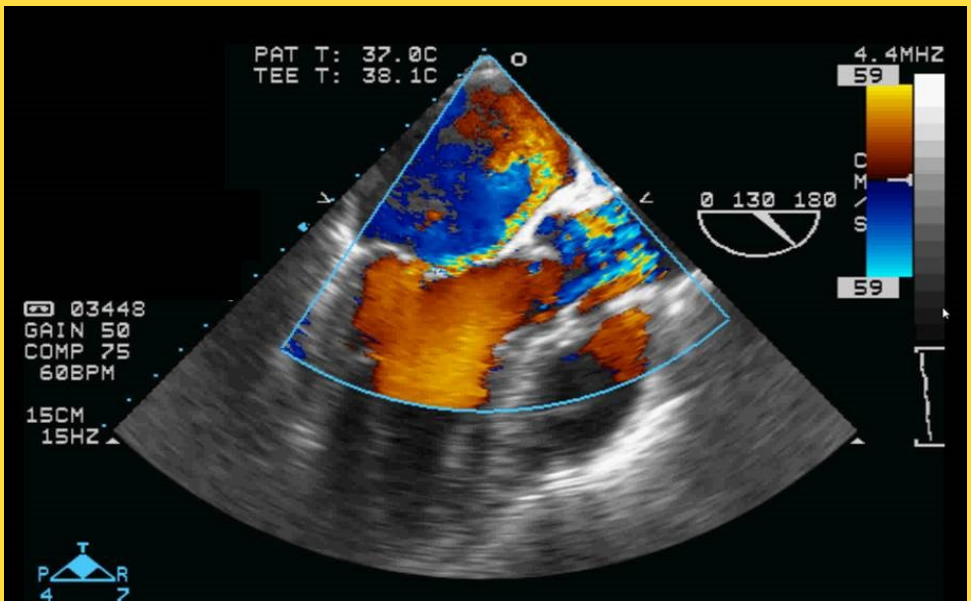


# BASIC PERIOPERATIVE TEE: ONLINE REVIEW COURSE

SATURDAY, AUGUST 29, 2020



Provided by:  
Department of Anesthesia  
Carver College of Medicine  
Iowa City, Iowa

# GENERAL INFORMATION

## PURPOSE

Intraoperative evaluation of hemodynamic function is often challenging. Anesthesia providers need to make decisions based on their assessment of the patient's fluid status, cardiac contractility and valvular function. Perioperative transesophageal echocardiography (TEE) has been validated as a minimally-invasive tool for such cardiac evaluation. The impact of TEE extends from extreme scenarios (intraoperative cardiac arrest or severe hemodynamic instability) to routine monitoring in appropriate patients who might undergo significant fluid shifts intraoperatively. This course will allow anesthesia providers to review the basic principles of perioperative TEE monitoring.

## CREDIT

The University of Iowa Roy J. and Lucille A. Carver College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Iowa Carver College of Medicine designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## REGISTRATION FEES

All fees include registration, instruction and CME recording.

Anesthesiologists	\$200
CRNAs, SRNAs, and Anesthesia Assistants	\$150
Fellows and Residents	\$100



## EDUCATIONAL OBJECTIVES

After attending this course, attendees should be able to:

- ◆ Identify the safety, indications, contraindications and complications for perioperative TEE
- ◆ Relate the underlying physics and anatomical relationships while performing perioperative TEE
- ◆ Differentiate between normal and abnormal ventricular and valvular function
- ◆ Evaluate hemodynamic function with perioperative TEE

**Registrants will receive Zoom meeting links and instructions via email prior to the course.**

# AGENDA

- 7:50-8:00 **Introduction**  
Dr. Sudhakar Subramani
- 8:00- 8:40 **Patient Safety Considerations and Knobology**  
Dr. Sudhakar Subramani
- 8:40-9:20 **Echo Physics**  
Dr. Sung Kim
- 9:20-10:00 **Normal Cardiac Anatomy and Imaging Plane Correlation**  
Dr. Andrew Feider
- 10:00-10:10 **Quiz**  
Dr. Sudhakar Subramani
- 10:10-10:20 *Break*
- 10:20-11:00 **Congenital Heart Disease: Identification of Common Defects**  
Dr. Srinivasan Rajagopal
- 11:00-11:40 **Global and Regional Ventricular Function**  
Dr. Alan Ross
- 11:40-12:20 **Artifacts, Pitfalls and Intracardiac Masses**  
Dr. Archit Sharma
- 12:20-12:40 *Break*
- 12:40-13:25 **Basic Recognition of Cardiac Valve Abnormalities: Mitral and Tricuspid Valves**  
Dr. Andrew Feider
- 13:25-14:10 **Basic Recognition of Cardiac Valve Abnormalities: Aortic and Pulmonic Valves**  
Dr. Dionne Peacher
- 14:10-14:20 **Quiz**  
Dr. Sudhakar Subramani
- 14:20-14:40 *Break*
- 14:40-15:20 **Diseases of the Ascending and Descending Aorta**  
Dr. Satoshi Hanada
- 15:20-16:00 **Basic Perioperative Hemodynamic Assessment**  
Dr. Lovkesh Arora
- 16:00-16:15 **Quiz**  
Dr. Sudhakar Subramani
- 16:15 *Adjourn*

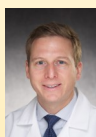
# Basic Perioperative TEE Online Review Course

## Program Faculty



**Sudhakar Subramani, MBBS**  
Clinical Associate Professor  
Division of Cardiothoracic Anesthesia

*Program Director*



**Andrew Feider, MD**  
Clinical Associate Professor  
Cardiothoracic Anesthesia Fellowship Director  
Division of Cardiothoracic Anesthesia



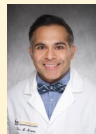
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Associated Anesthesiologists  
Des Moines, Iowa



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**Satoshi Hanada, MD**  
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**Dionne Peacher, MD**  
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**Alan Ross, MD**  
Associate Professor  
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### Continuing Medical Education

100 Medicine Administration Building  
Iowa City, Iowa 52242-1101

To register online: go to [www.medicine.uiowa.edu/cme](http://www.medicine.uiowa.edu/cme) and click on Upcoming Conferences

To register by phone: call 319-335-8599